Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	60	(pulse adj width adj (modulator modulation)) and digital adj filter and clock adj rate and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/06 10:26
S2	0	S1 and (oversampling "over sampling" "over sample" "over sampler" oversample oversampler) adj (modulat$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 10:42
S3	1	S1 and (oversampling "over sampling" "over sample" "over sampler" oversample oversampler) near2 (modulat$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 10:43
S4	11	S1 and (oversampling "over sampling" "over sample" "over sampler" oversample oversampler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 10:43
S5	4	S4 and ("sigmal delta" "sigma-delta" sigmadelta)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 11:07
S6	8	(("5777512") or ("5974089") or ("6414560") or ("6515604")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 11:07
S7	60	(pulse adj width adj (modulator modulation)) and digital adj filter and clock adj rate and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 11:57
S8	11	S7 and (oversampling "over sampling" "over sample" "over sampler" oversample oversampler)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:08
S9	78	(oversampling "over sampling") adj modulat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:08
S10	71	(oversampling "over sampling") adj modulat$3 and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:08

S11	7	S10 and (pwm "pulse width modulation")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:32
S12	2	S11 and digital adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:09
S13	7	S10 and (pwm "pulse width modulation" (pulse adj width adj modulat$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:39
S14	151	("sigma delta" sigmadelta "sigma-delta" "delta sigma" "delta-sigma" deltasigma) near (oversampl$3 over adj sampl$3) near modulat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:40
S15	143	("sigma delta" sigmadelta "sigma-delta" "delta sigma" "delta-sigma" deltasigma) near (oversampl$3 over adj sampl$3) near modulat$3 and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:40
S17	66	S15 and digital adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 12:41
S18	5	S17 and pulse adj width	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:12
S19	14	(pulse adj width adj modulat$4) and ((oversampl$4 over adj (sampl$4)) near modulat$4) same (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:35
S20	13	("5245345").URPN.	USPAT	OR	OFF	2004/12/27 14:26
S21	45700	(pulse adj width adj modulat$4) and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:36

S22	449	S21 and (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:37
S23	27	S21 and (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") near ("d/a" "a/d" "digital to analog" "analog to digital") near converter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:38
S24	2	("5,245,343").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:41
S25	10	S23 and ("over sampl$3" oversampl$3 "over-sampl$3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:51
S26	9016	pulse adj width adj modulator and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:51
S27	132	S26 and digital adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 14:52
S28	14	S27 and (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") same (oversampl$4 over adj (sampl$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 15:22
S29	2	("6466087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 15:53
S30	150	(first 1st) adj order adj (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") adj modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:00
S31	0	(first 1st) adj order adj (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") adj modulator and (IIR infinite adj impulse adj response) adj filter near3 (low adj pass "low-pass" lpf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:00

S32	130	(IIR infinite adj impulse adj response) adj filter near3 (low adj pass "low-pass" lpf)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:00
S33	49	(first 1st) adj order adj (delta adj sigma deltasigma "delta-sigma" sigma adj delta sigmadelta "sigma-delta") adj modulator and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 11:22
S34	41	(IIR infinite adj impulse adj response) adj filter near3 (low adj pass "low-pass" lpf) and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:02
S35	0	(IIR infinite adj impulse adj response) adj filter near3 (low adj pass "low-pass" lpf) near3 single adj pole and audio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:03
S36	1	(IIR infinite adj impulse adj response) adj filter near3 (low adj pass "low-pass" lpf) near3 single adj pole	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/27 16:03
S37	2	("5245345").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 11:30
S38	0	((two "2") adj channel adj output) and ((eight "8") adj channel adj output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 11:31
S39	19	((eight "8") adj channel adj output)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 12:08
S40	2	("6243686").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 13:44
S41	2	("6425018").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 13:46

S42	2	("5903871").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/28 13:46
S43	2	("6466087").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/29 11:32
S44	588	(700/94).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/30 09:50
S45	1	modulation adj depth near4 ("-1 db" "0 db" "-1db" "0db")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/30 09:59
S46	13	harmonic adj distortion near4 ("90db" "100db" "90 db" "100 db")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 14:01
S48	49	modulation adj depth same pulse adj width and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 10:07
S49	2	modulation adj depth same pulse adj width same db and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/30 10:01
S50	1	modulation adj depth same pulse adj width and (audio music sound) and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 10:11
S51	214	modulation adj depth and pulse adj width and @ad<"20030717"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 10:16
S52	61	modulation adj depth and pulse adj width and @ad<"20030717" not optical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/05 10:21

| S53 | 2 | ("6466087").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/05 10:21 |
| S54 | 2 | ("4555795").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/05 14:01 |